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(54) STRUCTURAL SUPPORT INCORPORATING MULTIPLE STRANDS

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(52) U.S. Cl.

(58) Field of Classification Search

CPC A61B 17/06166; A61B 2017/06176; A61B 2017/00792

See application file for complete search history.

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(57) ABSTRACT

A fabricated component for providing desired structural support has plural strands of material extending between opposing gathering points, and free ends extending from the gathering points. The component is preferably fabricated from a single strand of material using an appropriate folding procedure which includes the formation of plural loops of the strand, one upon the other, and development of the gathering points in opposing regions of the looped strand by passing opposing ends of the strand around the loops of the strand, and then through the resulting throws, or using a separate knotting arrangement. The fabricated component can be used in medical procedures, such as the support of subcutaneous tissue, muscle and organs, and other non-medical applications.

14 Claims, 9 Drawing Sheets

